



Hermosa Beach

A Safer Prospect Demonstration Project

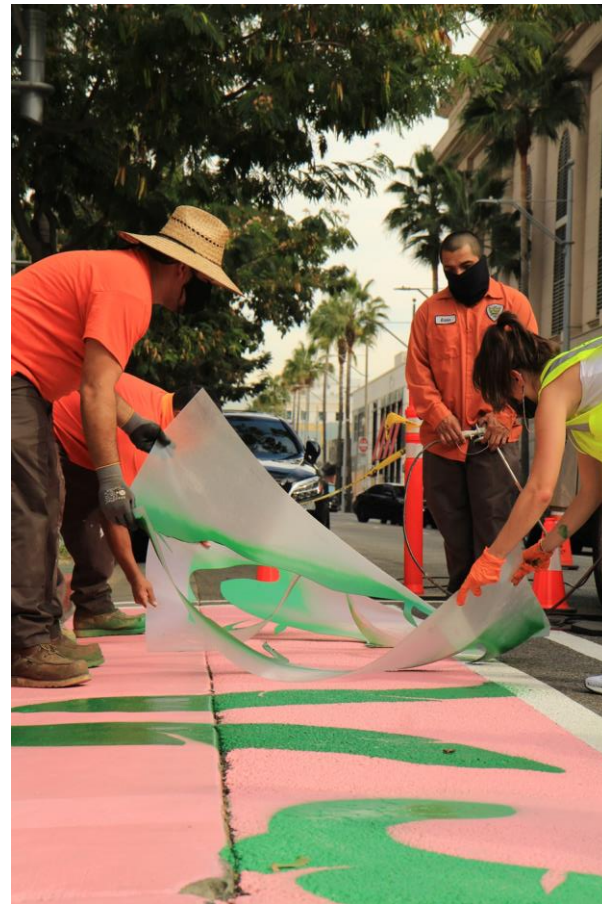
12.2.2020



SCAG Hermosa Beach | A Safer Prospect

Agenda

- Project Goals
- What did we hear and what did we see?
- Demonstration Goals
- Demonstration Project Concepts
- Next Steps



Project Goals

Improve the safety of corridor for all users - focus on pedestrian safety & access to schools and parks along Prospect Avenue



What did the data say?

Prospect Ave Collision Map



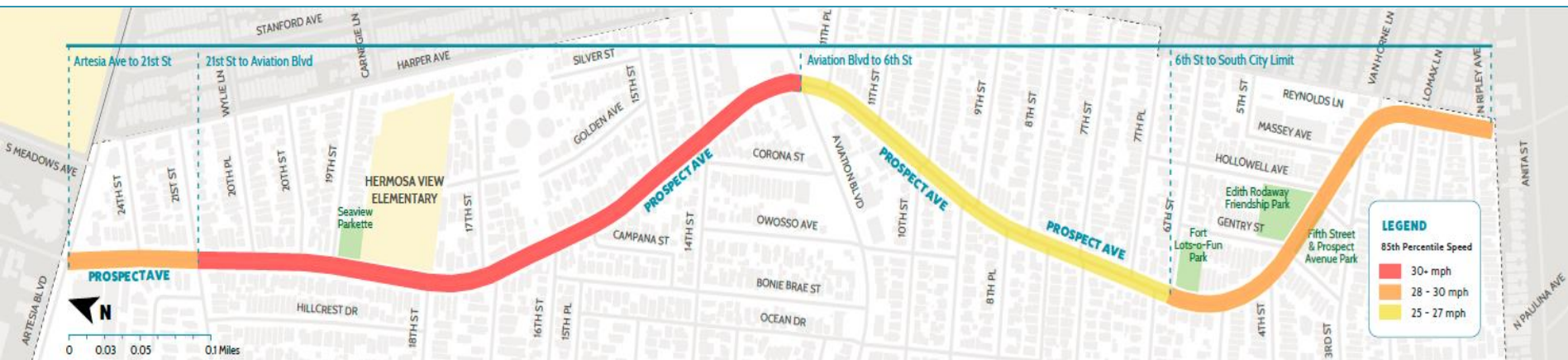
LEGEND

-  Pedestrian Involved Collision
-  Bicycle Involved Collision
-  Motor Vehicle Involved Collision

Data Source: TIMS 2014-2018.

What did the data say?

Speeds Along Prospect Ave



25 MPH is the posted speed limit for Prospect Avenue

Why Speed Matters

A PEDESTRIAN HIT BY A
VEHICLE TRAVELING AT
20 MPH



HAS A **2%** CHANCE OF
FATALITY

A PEDESTRIAN HIT BY A
VEHICLE TRAVELING AT
30 MPH



HAS A **4%** CHANCE OF
FATALITY

A PEDESTRIAN HIT BY A
VEHICLE TRAVELING AT
40 MPH



HAS A **38%** CHANCE OF
FATALITY

Source: Rosen and Sander. Pedestrian fatality risk as a function of car impact speed. Accident Analysis and Prevention 41 (2009) 536–542.

Demonstration Goals

Improve pedestrian safety at intersections

Test ideas to discourage speeding

Focus on specific community-identified issues:

- Pedestrian Safety
- Crossing Improvements
- Yield compliance



What did we hear?

Survey and July Community Meeting

70+ Participants

Top Concerns:

- Crossing Issues at Intersection (yielding to pedestrians and improvements to infrastructure)
- Cut-through traffic
- Speed through the corridor



What did we hear?

Survey and July Community Meeting

The survey was open to the public from July 24, 2020 and open until Sept 30, 2020

120 surveys taken, vast majority by live on Prospect or in the neighborhood

Top 3 Safety Concerns:

- **Drivers run/roll through stop signs**
- **Speeding Cars**
- **Pedestrian safety at intersections/crossings**

Most Requested Safety Improvement:

- **Better Crossings**

What the Community Wants out of the Demonstration Project:

- **Test ideas that slow down cars**
- **Make it feel safer to cross the street while walking/biking**



Most Requested Improvements



Widen sidewalk to create more space

Sharrows/Shared lane markings

Crossing improvements

Signage and wayfinding

Flashing beacon at crossings

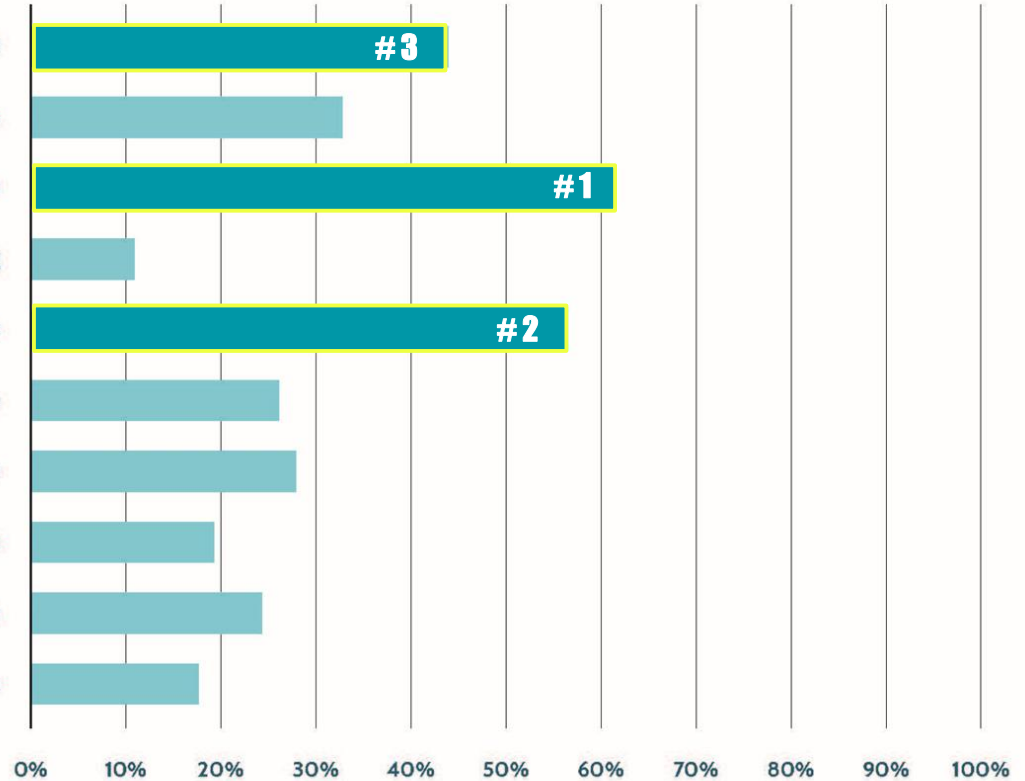
Mini-Traffic Circle

Shade trees and plantings

Curb Extensions

Chicanes

Diverter



Most Desired Ideas/Concepts to Test



Socially distanced walking/biking for exercise

#3

Test ideas that slow cars

#2

Make it feel safer to cross the street while walking/biking

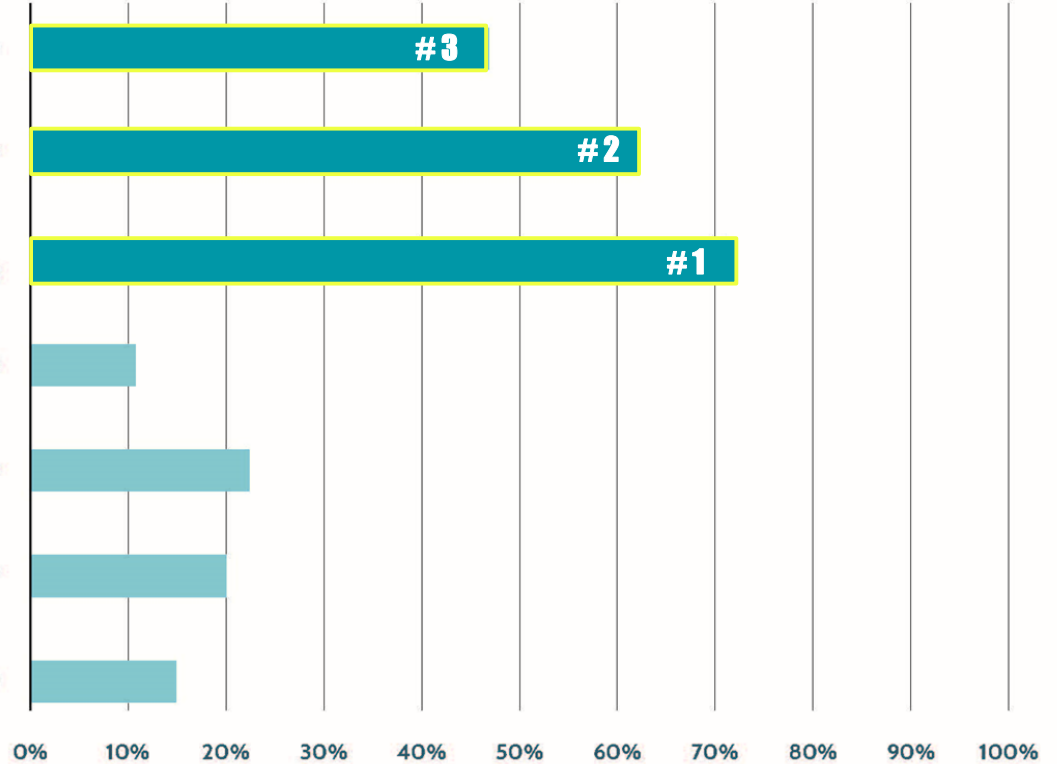
#1

Improve the route to the local parks

To commute to work or other destinations

Extra space for kids to play

Other (please specify)



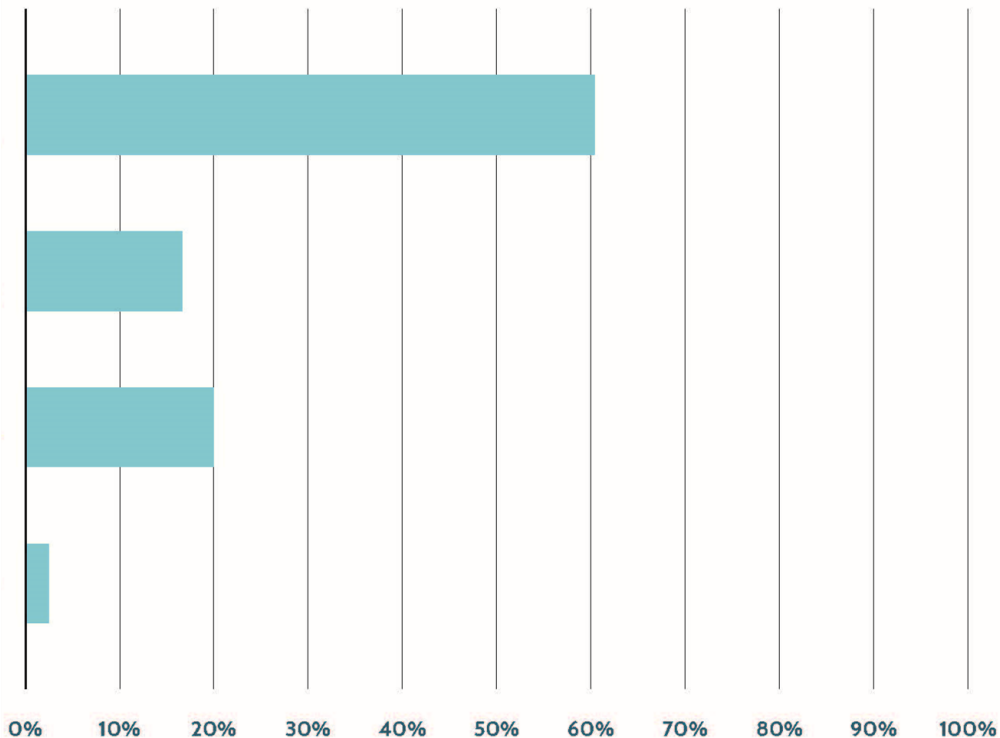
What is your level of support for parking adjustments?

Ok to remove a few spaces

Depends on location

Do not support

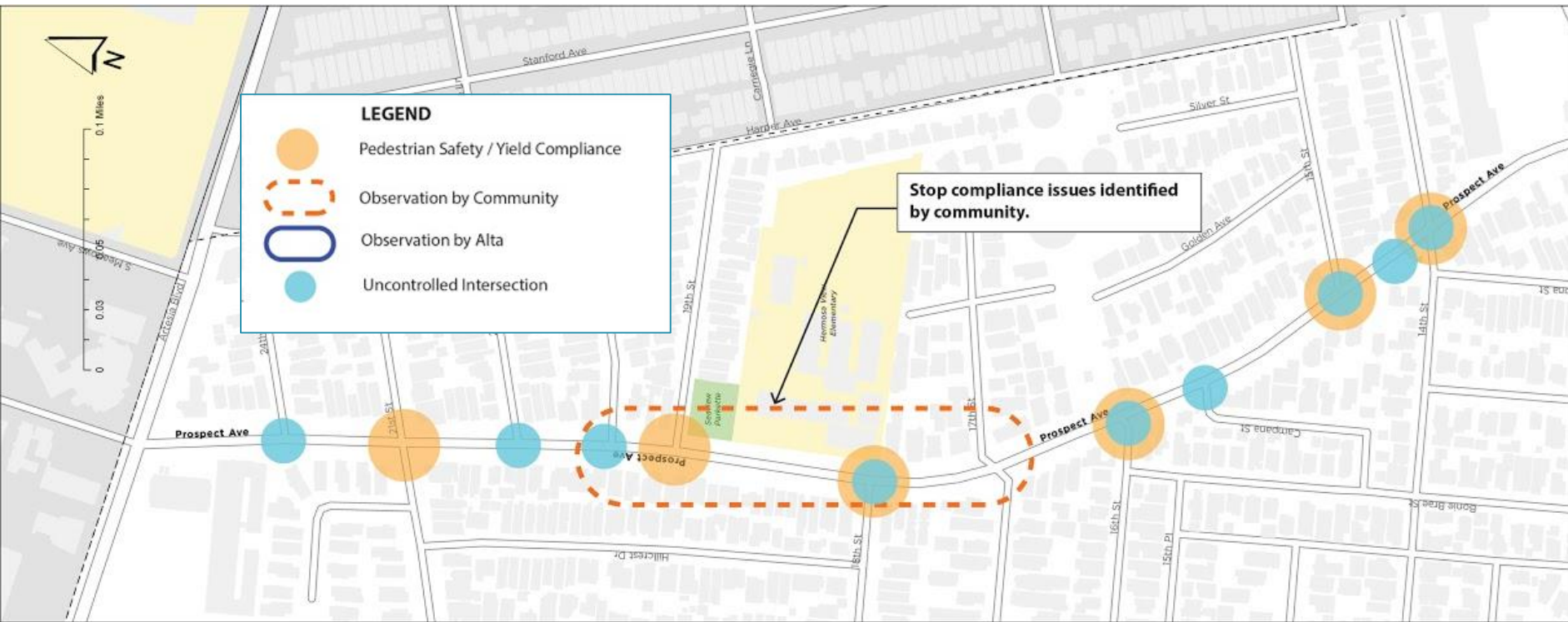
Other



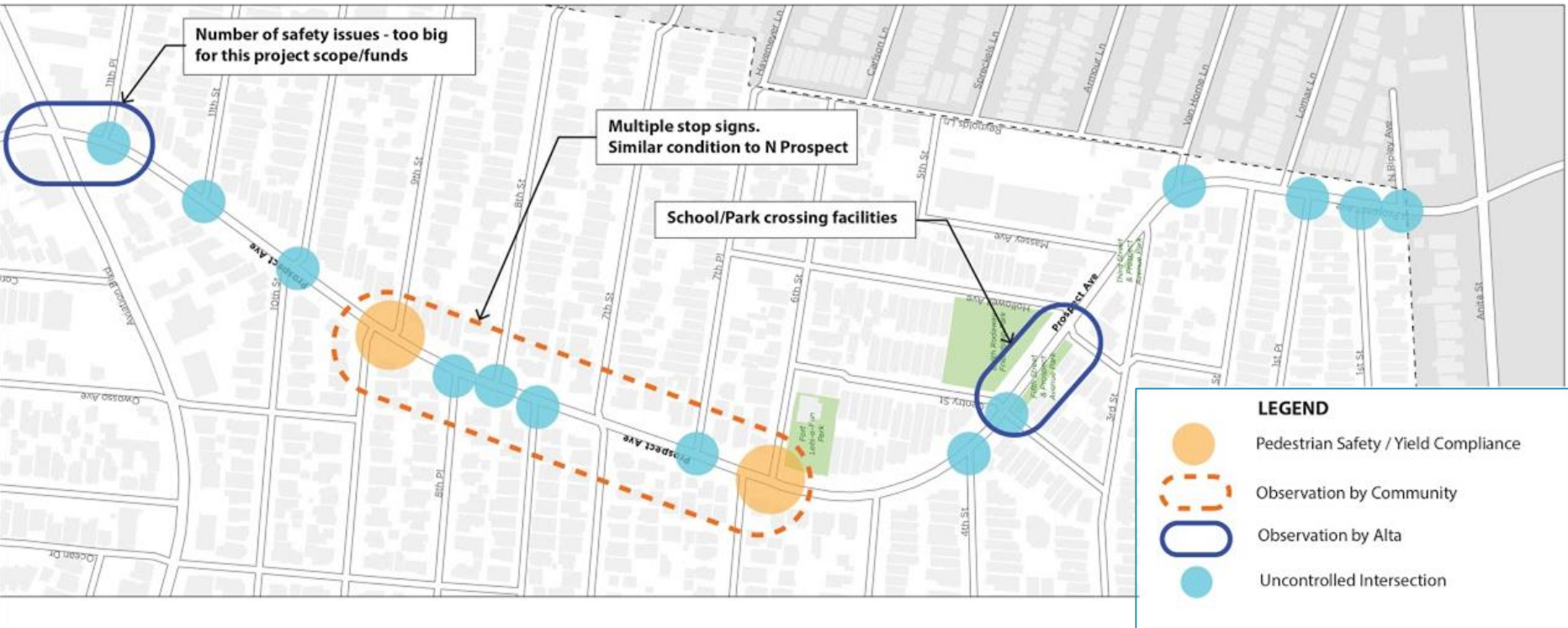
ARE THERE OTHER SAFETY CONCERNS YOU'D LIKE TO SHARE?

sidewalk cross walk use cars parked Artesia 21st near driveway trying feel always
crossing will crossing street existing 15th corner crosswalk concern make
speeding cars intersection narrow need aviation stop sign issues
pedestrians driver cars across street residential street
stops people Prospect traffic speed way see
many walk run safe neighborhood 15th Street area cross
stop signs dangerous residents change lot make safer slow 15th st
unnecessary stop sign safety side

Community Identified Intersection: North



Community Identified Intersection: South



How infrastructure improve safety?



For safe intersections...

- Crossbike Marking
- Crosswalk
- Curb Extension
- Refuge Island



To slow speeds...

- Mini Traffic Circle
- Chicane



To provide facilities...

- Super Sharrow
- Sidewalk Extension
- Signage & Wayfinding

Cut Through Traffic

- Diverter

DEMONSTRATION CONSIDERATIONS | 19TH STREET



- 1 Currently a parking space, implementing a red curb will provide better sightline to the crosswalk and could improve yield compliance
- 2 Existing red zone approx. 5-7 ft – could allow for curb extension but may need to increase red curb for curb extension
- 3 Existing red zone approx. 10-12ft – would allow for curb extension without losing parking
- 4 Non-ADA compliant ramps, it leads to private driveway no truncated dome. Prevents treatment
- 5 Location of flashing beacon

Demonstration Concepts

DRAFT CONCEPT | 19TH STREET

Treatment Type: Curb Extensions + Sidewalk Extension

Parking Spots Affected: 5



Demonstration Concepts

DRAFT CONCEPT | 14TH-15TH STREET - B

Treatment Type: Curb Extensions + Pedestrian Island

Parking Spots Affected: 4



Demonstration Concepts

DRAFT CONCEPT | 10TH - 9TH STREET

Treatment Type: Traffic Circles

Parking Spots Affected: 0



Demonstration Concepts

DRAFT CONCEPT | GENTRY - HOLLOWELL - MASSEY

Treatment Type: Curb Extensions - Safe Routes to School

Parking Spots Affected: 6-7



Demonstration Concepts



Additional Demonstration Concepts explored:

- 21st Street Demonstration Concept - Curb Extensions
- Mid-Block Crossing by Hermosa View Elementary
- 18th Street Demonstration Concept
- 15th and 14th Street Demonstration Concept A
- 6th Street Demonstration Concept

19th

Curb Extension



14th/15th:

Curb Extension +
Ped. Refuge Island



Gentry Hollowell Massey:

Curb Extension
Series



9th/10th:

Traffic Circle



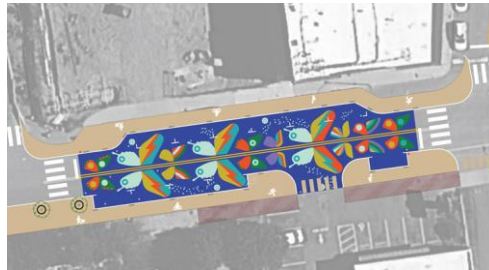
Next Steps

1 Refine the Project



- Meeting with City regarding permitting requirements
- Clarification on allowable materials
- Refine Concepts with additional Engineering

2 Prepare for Demonstration



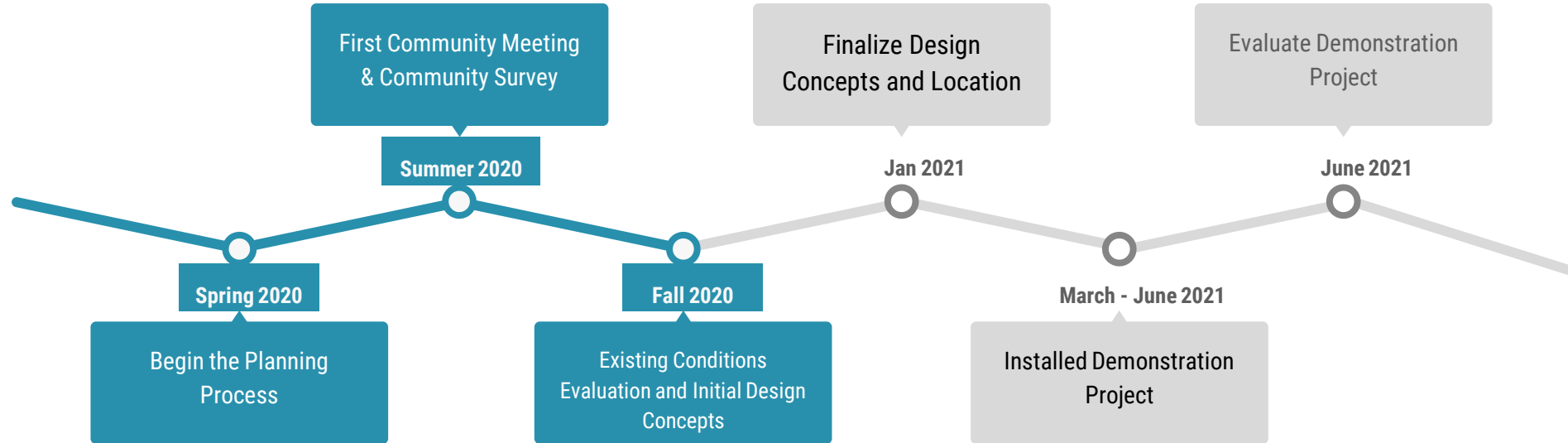
- Finalize Design
- Produce striping / build plans
- Calculate final budget
- Traffic control plan

3 Build It



- Find storage and staging locations for materials
- Order materials
- Produce detailed build day plan, implementation manual
- Coordinate traffic control, street cleaning

Timeline



Thank You for Participating in Tonight's Meeting

Follow the Project

www.hermosabeach.gov/asafeprospect

Demonstration Concepts

DRAFT CONCEPT | 19TH STREET

Treatment Type: Curb Extensions + Sidewalk Extension

Parking Spaces Lost: 5

Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators

No demonstration concept at mid-block crossing due to construction at Hermosa View Elementary



Demonstration Concepts

DRAFT CONCEPT | 14TH-15TH STREET - B

Treatment Type: Curb Extensions + Pedestrian Island

Parking Spaces Lost: 4

Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators



Demonstration Concepts

DRAFT CONCEPT | 10TH - 9TH STREET

Treatment Type: Traffic Circles

Parking Spaces Lost: 0

Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators



Demonstration Concepts

DRAFT CONCEPT | GENTRY - HOLLOWELL - MASSEY

Treatment Type: Curb Extensions - Safe Routes to School

Parking Spaces Lost: 6-7

Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators

